Please amend the application as follows:

<u>In the Claims</u>

Please cancel Claims 1-14
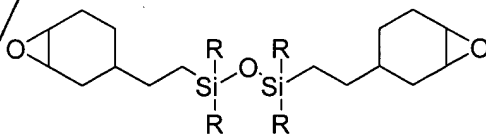
Please add new Claims 15-27.

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15. (New) A holographic recording medium comprising an acid generator capable of producing an acid upon exposure to actinic radiation; a binder; a difunctional epoxide monomer or oligomer; and a polyfunctional epoxide monomer or oligomer, the difunctional and polyfunctional epoxide monomers or oligomers being capable of undergoing cationic polymerization initiated by the acid produced from the acid generator.

16. (New) A holographic recording medium according to Claim 15 wherein at least one of the difunctional epoxide monomer or oligomer and the polyfunctional epoxide monomer or oligomer comprises a siloxane.
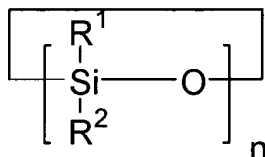
17. (New) A holographic recording medium according to Claim 15 wherein at least on eof the difunctional epoxide monomer or oligomer and the polyfunctional epoxide monomer or oligomer comprises a cycloalkene oxide.

18. (New) A holographic recording medium according to Claim 17 wherein the difunctional epoxide monomer is of the formula:

$$\text{O}\!\!\overset{\cdots}{\bigcirc}\!\!-\!CH_2CH_2-\!\!\overset{\overset{\displaystyle R}{|}}{\underset{\underset{\displaystyle R}{|}}{Si}}\!-\!O\!-\!\overset{\overset{\displaystyle R}{|}}{\underset{\underset{\displaystyle R}{|}}{Si}}\!-\!CH_2CH_2-\!\!\bigcirc\!\!\overset{\cdots}{\text{O}}$$

wherein each R independently is an alkyl or cycloalkyl group.

19. (New) A holographic recording medium according to Claim 16 wherein the polyfunctional epoxide monomer is of the formula:

$$\left[\begin{array}{c} R^1 \\ | \\ Si \\ | \\ R^2 \end{array} \cdots O \right]_n$$

Wherein each group R^1 is, independently, a monovalent substituted or unsubstituted C_{1-12} alkyl, C_{1-12} cycloalkyl, aralkyl or aryl group; each group R^2 is, independently, R^1 or a monovalent epoxy functional group having 2-10 carbon atoms, with the proviso that at least three of the groups R^2 are epoxy functional; and n is from 3-10.

20. (New) A holographic recording medium according to Claim 19 wherein the polyfunctional epoxide monomer is 1,3,5,7-*tetrakis*(2-(3,4-epoxycyclo-hexyl)ethyl)-1,3,5,7-tetramethylcyclotetrasiloxane.

21. (New) A holographic recording medium according to Claim 16 wherein the polyfunctional epoxide monomer is of the formula:

$$R_3Si(OSi(R^4)_2R^5)_3$$
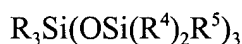
R_3 is an $OSi(R^4)_2R^5$ grouping, or a monovalent substituted or unsubstituted C_{1-12} alkyl, C_{1-12} cycloalkyl, aralkyl or aryl group; each group R^4 is, independently, a monovalent substituted or unsubstituted C_{1-12} alkyl, C_{1-12} cycloalkyl, aralkyl or aryl group; and each group R^5 is, independently, a monovalent epoxy functional group having 2-10 carbon atoms.

22. (New) A holographic recording medium according to Claim 21 wherein R^3 is a methyl group or an $OSI(R^4)_2R^5$ grouping; each group R^4 is a methyl group, and each group R^5 is a 2-(3,4-epoxycyclohexyl)ethyl grouping.

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23. (New) A holographic recording medium according to Claim 16 wherein the polyfunctional epoxide monomer is of the formula:

$$(R^6)_3SiO[SiR^7R^8O]p[Si(R^7)_2O]qSi(R^6)_3$$
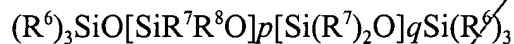
each group R^6 is, independently, a monovalent substituted or unsubstituted C_{1-12} alkyl, C_{1-12} cycloalkyl, aralkyl or aryl group; each group R^7 is, independently, a monovalent substituted or unsubstituted C_{1-12} alkyl, C_{1-12} cycloalkyl, aralkyl or aryl group; each group R^8 is, independently, a monovalent epoxy functional group having 2-10 carbon atoms, and p and q integers.

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24. (New) A holographic recording medium according to Claim 23 wherein each group R^6 and R^7 is an alkyl group.

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25. (New) A holographic recording medium according to Claim 24 wherein each group R^8 is an 2-(3,4-epoxycyclohexyl)ethyl grouping an p and q are approximately equal.

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26. (New) A holographic recording medium according to Claim 16 comprising from about 0.2 to about 5 parts by weight of the difunctional epoxide monomer or oligomer per part by weight of the polyfunctional epoxide monomer or oligomer.

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27. (New) A holographic recording medium according to Claim 16 comprising from about 0.16 to about 5 parts by weight of the binder per total part by weight of the difunctional epoxide monomer or oligomer and the polyfunctional epoxide monomer or oligomer.

REMARKS

Filing of the Continued Prosecution Application is Proper

The subject application was filed before May 29, 2000 (November 13, 1997). Thus, the filing of this Continued Prosecution Application is proper.